

Amendments to the Specification:

Please replace paragraph [0013] with the following amended paragraph:

According to the claimed invention, a position adjustment mechanism is further disclosed
5 for adjusting the position of a mounting plate with a plurality of through holes relative to
a tray of an optical disk drive to prevent an optical disk mounted on the mounting plate
from colliding with the tray. The position adjustment mechanism comprises a plurality of
~~bases~~ bores installed on the tray corresponding to the through holes on the mounting plate,
a plurality of screws threaded into the ~~bases~~ bores through the corresponding through
10 holes to fasten the mounting plate to the tray, and a plurality of nuts threaded onto the
screws to fasten the screws to the mounting plate.

Please replace paragraph [0014] with the following amended paragraph:

15 It is an advantage of the claimed invention that the position adjustment mechanism and
method thereof introduce a theory to adjust the depth of each of the screws in the bore
(~~base~~) of the tray individually to correct the position of the mounting plate relative to the
tray, so that the optical disk mounted on the mounting plate will not collide with the tray.

20 Please replace paragraph [0032] with the following amended paragraph:

Please refer to Fig.9. Fig.9 is a schematic diagram of a preferable embodiment of the
position adjustment mechanism according to the present invention. The position
adjustment mechanism comprises three sets of the adjustment movements shown in Fig.9.
25 Each of the adjustment movements includes a ~~base~~ bore 32 on the tray 28 to provide a
functionality of a bore for accepting the screw 36, a through hole 34 formed in the
mounting plate 12 corresponding to the ~~base~~ bore 32, a screw 36 threaded into the ~~base~~
bore 32 through the through hole 34 to fasten the mounting plate 12 to the tray 28, and a

nut 38 threaded onto the screw 36 to fasten the screw to the mounting plate 12.

Please replace paragraph [0033] with the following amended paragraph:

- 5 It should be noticed that the ~~base~~ bore 32 is a copper pillar, and the copper pillar can be a cylinder with an indent at the center of one face with screw threads on an inside wall of the indent, as shown in Fig.9. Without contradiction to the spirit of the present invention, the copper pillar can also be a hollow cylinder 42 with screw threads 44 on an inside wall of the cylinder 42, as shown in Fig.10. Furthermore, if need be, the adjustment
- 10 movements in Fig.9 can comprise two dampers 40 (such as rubber pads mentioned above) positioned between the mounting plate 12 and the nut 38, the head of the screw 36 and the mounting plate 12 to reduce the effect of shocks to the optical disk drive when it reads information. According to the design, the mounting plate 12 and the two dampers 40 are positioned just right in the predetermined clearance of the screw 36. In addition, both of
- 15 the diameters of the head of the screw 36 and the nut 38 are greater than the diameter of the dampers 40 so that the dampers 40 can absorb shocks sufficiently.

Please replace paragraph [0036] with the following amended paragraph:

- 20 Step 52: Form a plurality of bores (~~or the above-mentioned bases~~) 32 in the tray 28;

Please replace paragraph [0043] with the following amended paragraph:

- 25 The above steps of the position adjustment method can effectively adjust the position of the mounting plate 12 relative to tray 28 so that the surface of the optical disk mounted on the mounting plate 12 is parallel with the surface of the tray 28 to prevent an optical disk on the mounting plate 12 from colliding with the tray 28. It should be noted that the locations of the ~~bases~~ bores 32 on the tray 28 and the locations of the through bores 34 on

the mounting plate 12 are based on that the adjustment function can be reached. Therefore at least three sets of the adjustment movements shown in Fig.8 are needed to be set on three points not located in a line on the mounting plate 12 and the tray 28 to define a surface. Furthermore, the ~~bases~~ bores 32 may be copper pillars with a threaded indent at center (as shown in Fig.8) or hollow cylinders with screw threads on inside walls (as shown in Fig.9). The step 52 further comprises installing the copper pillar into the tray 28.

Please replace paragraph [0046] with the following amended paragraph:

10 Please refer to Fig.12. Fig.12 is a schematic diagram of a portion of a main body of an optical disk drive using the dampers 24 and corresponding through bores shown in Fig.2 according to the present invention. The main body of the optical disk drive comprises a mounting plate 70 having at least a notched base plate 72 with a through bore; a tray 80 (not shown in Fig.12) the same as the tray 28 in Fig.4 and further comprising a ~~base~~ bore
15 82 having a structure of ~~base~~ bore 32, such as the copper pillar in Fig.9 or 10, for providing the functionality of bores 30 so as to accept a screw; at least a damper 74 installed on the notched base plate 72; and at least a screw 36 (not shown in Fig.12) combining with the damper 74, wherein a portion of the screw 36 is threaded into the ~~base~~ bore 82, and the damper 74 elastically connects the mounting plate 70 with the screw
20 36.

Please replace paragraph [0047] with the following amended paragraph:

Please refer to Fig.13. Fig.13 is a schematic diagram of the damper 74. The damper 74 is
25 cylindrical and comprises an upper large diameter portion 88 and a lower large diameter portion 90, wherein a space 92 between the upper and lower large diameter portions 88 and 90 has a smaller diameter. The damper 74 and the mounting plate 70 are combined on the space 92. The damper 74 also comprises a center hole for accepting a screw. The

position adjustment mechanism further comprises a nut 38 shown in Fig.14. The screw 36 comprises a shaft 84, a smooth portion 94, and a head 86. And the nut 38 of Fig.14 is as same as the nut 38 in Fig.8. The damper 74 is installed in the predetermined clearance between the head 86 and the nut 38. A glue layer can further be applied to the threads of
5 the screws 36 to fix the depth of the screw 36 in the ~~base~~ bore 82 if needed.

Please replace paragraph [0048] with the following amended paragraph:

Fig.14 is a schematic diagram of the position adjustment mechanism of the main body of
10 the optical disk drive shown in Fig.12 according to the present invention. The same as the position adjustment mechanism in Fig.9, the mechanism contains a plurality of adjustment movements. The position adjustment mechanism comprises a plurality of ~~bases~~ bores 82 located in different position on the tray 80; a plurality of notched base plates 72 formed on the mounting plate 70 corresponding to the ~~bases~~ bores 82; a
15 plurality of dampers 74 installed on the notched base plate 72; a plurality of the screws 36 installed through the center holes of the dampers 72 on the notched base plate 72 and the threaded in the ~~bases~~ bores 82 so as to fasten the mounting plate 70 to the tray 80; and a plurality of nuts 38 threaded to the corresponding screws 36 to fasten the screws 36 to the mounting plate 70. As shown in Fig.14, the distance D can be adjusted by changing the
20 depth L of the screw 36 in the ~~base~~ bore 82.

Please replace paragraph [0051] with the following amended paragraph:

Step 102: Install a plurality of ~~bases~~ bores 82 in the tray 80;
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Please replace paragraph [0052] with the following amended paragraph:

Step 104: Install a plurality of notched base plates 72 into the mounting plate 70

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corresponding to the ~~bases~~ bores 82 in the tray 80 and assemble dampers 74 into the notched base plates 72;

Please replace paragraph [0055] with the following amended paragraph:

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Step 110: Thread the screws 36 into the corresponding ~~bases~~ bores 82 to fasten the mounting plate 70 to the tray 80;

Please replace paragraph [0056] with the following amended paragraph:

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Step 112: Adjust the depth of each of the screws 36 in the ~~base~~ bore 82 to adjust the position of the mounting plate 70 relative to the tray 80;